

Information Sheet for preparing an Information  
Disclosure Statement under Rule 1.56

Suzuye Ref: 01S0441

Foreign Patent Documents

Document No.: 11-66755, published: March 9, 1999

Country: Japan

Copy of reference: attached

Language: non-English

English translation: not attached because it is not readily available

Concise Explanation of Pertinency:

This reference discloses PR equalization of a positive coefficient performed on a vertical recording/reproduction signal.

On the other hand, the present invention discloses a specific Amp structure for differentiating a vertical recording waveform and for appropriately processing an actual waveform of a vertical waveform.

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Foreign Patent Documents

Document No.: 4-286702, published: October 12, 1992

Country: Japan

Copy of reference: attached

Language: non-English

English translation: not attached because it is not readily available

Concise Explanation of Pertinency:

According to this reference, a vertical recording/reproduction signal is used by being differentiated. However, this reference does not mention an Amp constant for preventing a specific structure and a waveform from being distorted.

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Toshiba Engineer's Comment

Same as above.

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Atty. Dkt. No.	M#	Client Ref.
	290560	T2TT-01S0441-1

**INFORMATION DISCLOSURE STATEMENT  
 BY APPLICANT**

Applicant: Shimomura et al.	
Appln. No.: New	
Filing Date: December 26, 2001	
Examiner: Unassigned	Group Art Unit: Unassigned

Date: December 26, 2001 Page 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

PTO  
 10/025979  
 12/26/01

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
	OR 11-66755	03/1999	Japan		x			
	PR 4-286702	10/1992	Japan		x			
	QR							
	RR							
	SR							
	TR							
	UR							
	VR							
	WR							
	XR							

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

	YR							
	ZR							
	AAR							
	BBR							
	CCR							
	DDR							

Examiner Date Considered:




\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

# BACKGROUND ART INFORMATION

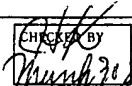
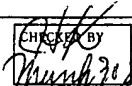
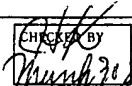
TOSHIBA

The following information has been determined, to the best of TOSHIBA's ability, as possibly relevant to the describing and claiming of the invention of the subject case in a U.S. patent application. Based on this information and pursuant to 37 CFR 1.56(b), please prepare and file the proper Information Disclosure Statement or equivalent document.

INVENTOR'S INFORMATION

☆	PATENT NUMBER, PUBLICATION	INVENTOR(S), AUTHOR(S)	DATE	etc.												
	垂直記録再生装置 (特開平 11-66755) 愛媛大															
★	CONCISE EXPLANATION															
	正信号の再生化と垂直記録再生信号の一致を図る公知例 本発明は垂直記録再生信号を再生するための具体的Amp構成に示す説明であり、 垂直記録再生の実際の装置と最良の形態とを説明し、これに基いて、 ☆ 垂直記録再生装置 (特開平 4-286702) 富士通															
	★ 垂直記録再生信号を再生するための公知例であるが、本発明に示す 特定の具体的な構成や波形の歪みに対するAmp定数の記述等は 省略されている。															
☆																
★																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">PRIOR APPLICATION(S) OF INVENTOR(S) OR OF KABUSHIKI KAISHA TOSHIBA (ASSIGNEE)</th> <th style="width: 20%;">APPLICATION NUMBER</th> <th style="width: 20%;">TOSHIBA REFERENCE</th> <th style="width: 20%;">COUNTRY</th> <th style="width: 10%;">AGENT</th> <th style="width: 10%;">MEMO</th> </tr> <tr> <td colspan="6" style="height: 100px;"></td> </tr> </table>					PRIOR APPLICATION(S) OF INVENTOR(S) OR OF KABUSHIKI KAISHA TOSHIBA (ASSIGNEE)	APPLICATION NUMBER	TOSHIBA REFERENCE	COUNTRY	AGENT	MEMO						
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">INVENTOR(S)</td> <td style="width: 45%;">SIGNATURE &amp; DATE</td> <td style="width: 40%;">CHECKED BY</td> </tr> <tr> <td></td> <td>Kazuhito Shimomura Mar. 17, 2001</td> <td></td> </tr> </table>					INVENTOR(S)	SIGNATURE & DATE	CHECKED BY		Kazuhito Shimomura Mar. 17, 2001							
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	Kazuhito Shimomura Mar. 17, 2001															

PATENT ENGINEER'S INFORMATION

PATENT ENGINEER'S COMMENT ON INVENTOR(S) INFORMATION OR PATENT ENGINEER'S INFORMATION									
☆	上記以外特になし								
★	No particular comment to make								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">CHECKED BY</td> <td style="width: 45%;">PATENT ENGINEER(S) SIGNATURE &amp; DATE</td> <td style="width: 40%;">TOSHIBA REFERENCE</td> </tr> <tr> <td></td> <td>Tomoaki Ohmae Mar. 30, 2001</td> <td>3V G 32140</td> </tr> </table>				CHECKED BY	PATENT ENGINEER(S) SIGNATURE & DATE	TOSHIBA REFERENCE		Tomoaki Ohmae Mar. 30, 2001	3V G 32140
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	Tomoaki Ohmae Mar. 30, 2001	3V G 32140							
to U.S. Attorney P2000-397291		JAPANESE AGENT REFERENCE	Sheet of						